

CLAIMS

Claims 1-14 (Cancelled)

Claim 15 (Previously Presented) A suspension device for spanning between an inner member and an outer member arranged outwardly of the inner member, said suspension device comprising:

a plurality of roll sections configured to span between the inner member and the outer member and being arranged in a loop; and

a plurality of boundary sections, each of said boundary sections being arranged between an adjacent pair of said roll sections, such that said roll sections and said boundary sections are arranged so as to form a continuously alternating pattern of said roll sections and said boundary sections,

wherein the continuously alternating pattern of said roll sections and said boundary sections forms a continuous closed loop having a continuous surface,

wherein each of said roll sections includes an inner-connecting edge configured to connect to the inner member and an outer-connecting edge configured to connect to the outer member,

wherein said roll sections are circumferentially arranged in a continuous closed loop,

wherein each of said roll sections constitutes a semi-cylindrical curved surface spanning from said inner-connecting edge to said outer-connecting edge, and

wherein for each of said roll sections, at least one of said inner-connecting edge and said

outer-connecting edge constitutes a straight edge, said straight edges of said roll sections together forming the continuous closed loop.

Claim 16 (Previously Presented) The suspension device of claim 15, wherein said roll sections are arranged at regular intervals.

Claim 17 (Previously Presented) The suspension device of claim 15, further comprising:

a frame attaching part connected to a continuous outer loop formed by said outer-connecting edges of said roll sections, said frame attaching part being configured to connect to a frame,

wherein any non-continuous parts of said inner-connecting edges of said roll sections are trimmed.

Claim 18 (Previously Presented) The suspension device of claim 15, further comprising:

a vibration system attaching part connected to a continuous inner loop formed by said inner-connecting edges of said roll sections, said vibration system attaching part being configured to connect to a diaphragm or a voice coil,

wherein any non-continuous parts of said outer-connecting edges of said roll sections are trimmed.

Claim 19 (Previously Presented) The suspension device of claim 15, wherein said plurality of roll sections is constituted by an odd number of said roll sections.

Claim 20 (Previously Presented) A device comprising first and second suspension devices arranged in a covering relation with respect to each other, each of said first and second suspension devices being constituted by the suspension device of claim 15.

Claim 21 (Previously Presented) A device comprising first and second suspension devices arranged in a covering relation with respect to each other, each of said first and second suspension devices being constituted by the suspension device of claim 15, and wherein said first and second suspension devices are circumferentially offset relative to one another by 1/2 of a width of one of said roll sections.

Claim 22 (Previously Presented) An electro-acoustic transducer comprising:

the suspension device of claim 15,

wherein said inner-connecting edges of said roll sections are coupled with a voice coil disposed in a magnetic gap of a magnetic circuit or with an outer peripheral part of a diaphragm coupled with said voice coil, and

wherein a frame attaching part is connected to a continuous outer loop formed by said outer-connecting edges of said roll sections, said frame attaching part for supporting the magnetic circuit and a vibration system.

Claim 23 (Previously Presented) The suspension device of claim 16, further comprising:

a frame attaching part connected to a continuous outer loop formed by said outer-connecting edges of said roll sections, said frame attaching part being configured to connect to a frame,

wherein any non-continuous parts of said inner-connecting edges of said roll sections are trimmed.

Claim 24 (Previously Presented) The suspension device of claim 16, further comprising:

a vibration system attaching part connected to a continuous-inner loop formed by said inner-connecting edges of said roll sections, said vibration system attaching part being configured to connect to a diaphragm or a voice coil,

wherein any non-continuous parts of said inner-connecting edges of said roll sections are trimmed.

Claim 25 (Previously Presented) The suspension device of claim 16, wherein said plurality of roll sections is constituted by an odd number of said roll sections.

Claim 26 (Previously Presented) A device comprising first and second suspension devices arranged in a covering relation with respect to each other, each of said first and second suspension devices being constituted by the suspension device of claim 16.

Claim 27 (Previously Presented) A device comprising first and second suspension devices arranged in a covering relation with respect to each other, each of said first and second

suspension devices being constituted by the suspension device of claim 16, and wherein said first and second suspension devices are circumferentially offset relative to one another by 1/2 of a width of one of said roll sections.

Claim 28 (Previously Presented) An electro-acoustic transducer comprising:

the suspension device of claim 16,

wherein said inner-connecting edges of said roll sections are coupled with a voice coil disposed in a magnetic gap of a magnetic circuit or with an outer peripheral part of a diaphragm coupled with said voice coil, and

wherein a frame attaching part is connected to a continuous outer loop formed by said outer-connecting edges of said roll sections, said frame attaching part for supporting the magnetic circuit and a vibration system.